

Industry Report for Health Care¹

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Architecture and Engineering Occupations																																	
Civil Engineers (Oil and Gas, Top Job)			944	80	8.5	6	17	23	137	85	37	849	910	7.2	38.3	51.73	BA	None	None														
Arts, Design, Entertainment, Sports, and Media Occupations																																	
Public Relations Specialists			282	15	5.3	2	8	11	75	38	28	314	339	8.0	31.3	31.65	BA	None	None														
Technical Writers			144	20	13.9	2	2	5	26	7	17	124	145	16.9	36.9	32.26	BA	Under 5 yr	STOJT														
Building and Grounds Cleaning and Maintenance Occupations																																	
Janitors and Cleaners, Except Maids and Housekeeping Cleaners			6,766	839	12.4	56	135	190	2,091	304	914	5,561	6,118	10.0	36.1	14.74	Any	None	STOJT														
Maids and Housekeeping Cleaners			5,223	1,707	32.7	48	87	135	1,242	0	913	3,598	4,078	13.3	28.4	11.90	Any	None	STOJT														
First-Line Supervisors of Housekeeping and Janitorial Workers			450	143	31.8	4	8	12	149	90	70	321	364	13.4	38.2	19.46	HS	Under 5 yr	None														
Landscaping and Groundskeeping Workers			1,807	382	21.1	9	21	30	427	43	379	917	1,004	9.5	14.7	15.67	Any	None	STOJT														
Business and Financial Operations Occupations																																	
Accountants and Auditors (Top Job)			1,867	141	7.6	16	36	52	437	258	146	1,732	1,894	9.4	37.0	37.73	BA	None	None														
Human Resources Specialists			737	40	5.4	7	10	17	154	78	55	519	593	14.3	33.5	30.77	BA	None	None														
Purchasing Agents, Except Wholesale, Retail, and Farm Products (Top Job)			511	56	11.0	3	14	17	100	57	35	542	574	5.9	50.1	34.31	HS	None	LTOJT														
Financial Analysts			362	35	9.7	6	8	14	79	49	13	380	440	15.8	33.4	49.37	BA	None	None														
Compliance Officers (Oil and Gas, Top Job)			559	84	15.0	3	15	18	184	93	33	765	795	3.9	42.1	34.63	BA	None	MTOJT														
Management Analysts			289	44	15.2	3	9	12	64	41	16	562	591	5.2	53.2	45.33	BA	Under 5 yr	None														
Training and Development Specialists			357	36	10.1	3	5	8	146	52	31	313	346	10.5	35.1	32.34	BA	Under 5 yr	None														

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Budget Analysts	175	19	10.9	0	6	6	38	8	8	294	294	0.0	37.9	40.52	BA	None	None																
Labor Relations Specialists	129	15	11.6	2	2	5	51	15	6	133	158	18.8	49.1	41.45	BA	None	None																
Market Research Analysts and Marketing Specialists	139	18	12.9	1	2	3	31	14	7	71	81	14.1	20.8	31.60	BA	None	None																
Community and Social Services Occupations																																	
Social and Human Service Assistants	914	92	10.1	21	25	45	430	112	133	1,177	1,384	17.6	30.0	16.96	HS	None	STOJT																
Mental Health and Substance Abuse Social Workers	554	53	9.6	13	17	30	126	41	69	515	644	25.0	26.5	20.98	BA	None	None																
Child, Family, and School Social Workers	1,121	82	7.3	9	16	25	252	143	141	683	778	13.9	30.1	24.09	BA	None	None																
Substance Abuse and Behavioral Disorder Counselors	388	37	9.5	8	14	22	95	33	51	357	440	23.2	46.5	24.36	HS	None	MTOJT																
Mental Health Counselors (Top Job)	466	52	11.2	7	10	18	83	32	41	349	423	21.2	36.9	28.27	MA	None	Int/Res																
Healthcare Social Workers	253	28	11.1	5	6	11	73	34	29	264	314	18.9	32.5	25.23	MA	None	None																
Health Educators	338	17	5.0	4	4	8	68	34	42	192	230	19.8	36.0	27.97	BA	None	None																
Educational, Guidance, School, and Vocational Counselors	631	40	6.3	5	11	16	197	71	45	531	582	9.6	36.8	34.09	MA	None	None																
Rehabilitation Counselors	260	12	4.6	7	7	14	66	34	36	329	395	20.1	31.1	25.70	MA	None	None																
Clergy	93	20	21.5	n/a	n/a	n/a	6	4	2	n/a	n/a	n/a	66.7	22.35	BA	None	MTOJT																
Community Health Workers	87	12	13.8	1	1	2	28	9	13	54	62	14.8	38.5	19.97	HS	None	STOJT																
Probation Officers and Correctional Treatment Specialists (Top Job)	445	27	6.1	4	15	19	332	279	41	697	736	5.6	24.3	n/a	BA	None	STOJT																
Computer and Mathematical Occupations																																	
Computer User Support Specialists	1,101	90	8.2	9	25	34	335	58	72	984	1,070	8.7	21.8	26.41	COLL	None	MTOJT																

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Computer Systems Analysts	504	102	20.2	6	10	17	194	71	15	557	622	11.7	33.6	38.33	BA	None	None																
Network and Computer Systems Administrators	792	70	8.8	5	9	15	167	69	31	558	612	9.7	26.9	37.40	BA	None	None																
Computer Network Support Specialists	354	29	8.2	2	8	10	115	67	17	314	334	6.4	22.0	33.52	AA	None	None																
Computer Programmers	678	83	12.2	4	13	17	105	36	16	579	619	6.9	38.4	39.36	BA	None	None																
Database Administrators	186	27	14.5	1	2	3	37	16	7	120	134	11.7	44.6	34.76	BA	Under 5 yr	None																
Software Developers, Applications	218	24	11.0	2	4	6	50	22	8	261	283	8.4	31.1	39.11	BA	None	None																
Construction and Extraction Occupations																																	
Construction Laborers (Oil and Gas)	7,227	1,328	18.4	43	124	167	1,917	425	2,685	4,253	4,684	10.1	17.8	21.52	Any	None	STOJT																
Carpenters (Oil and Gas, Top Job)	4,104	850	20.7	35	61	96	981	514	1,494	2,973	3,318	11.6	27.2	31.81	HS	None	App																
Electricians (Oil and Gas, Top Job)	2,852	678	23.8	18	61	79	419	203	806	2,355	2,531	7.5	26.8	37.88	HS	None	App																
Plumbers, Pipefitters, and Steamfitters (Oil and Gas, Top Job)	1,896	370	19.5	16	47	63	409	278	726	1,670	1,830	9.6	26.0	33.88	HS	None	App																
Supervisors of Construction and Extraction Workers (Oil and Gas, Top Job)	1,302	399	30.6	14	22	36	377	241	241	973	1,116	14.7	50.0	44.13	HS	5 plus yrs	None																
Education, Training, and Library Occupations																																	
Preschool Teachers, Except Special Education	818	92	11.2	10	17	27	248	116	248	670	771	15.1	19.1	18.28	AA	None	None																
Teacher Assistants	5,736	444	7.7	47	219	266	1,464	222	394	4,528	4,997	10.4	36.3	n/a	COLL	None	None																
Health Specialties Teachers, Postsecondary	63	3	4.8	1	3	4	25	21	7	171	186	8.8	58.1	n/a	PHD	Under 5 yr	None																
Food Preparation and Serving Related Occupations																																	
Cooks, Institution and Cafeteria	916	193	21.1	12	24	36	295	27	197	838	955	14.0	37.6	17.93	Any	None	STOJT																

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Food Preparation Workers								4,654	963	20.7	31	149	181	1,541	0	501	2,804	3,117	11.2	15.8	12.39	Any	None	STOJT									
Dining Room and Cafeteria Attendants and Bartender Helpers								1,172	298	25.4	9	53	62	457	0	105	849	939	10.6	5.7	11.36	Any	None	STOJT									
Combined Food Preparation and Serving Workers, Including Fast Food								7,031	1,331	18.9	66	271	337	2,710	0	767	5,599	6,258	11.8	14.7	10.68	Any	None	STOJT									
First-Line Supervisors of Food Preparation and Serving Workers								1,278	227	17.8	8	15	23	240	124	138	707	789	11.6	20.3	17.75	HS	Under 5 yr	None									
Healthcare Practitioners and Technical Occupations																																	
Registered Nurses (Top Job)								6,037	1,057	17.5	99	87	187	413	213	179	4,979	5,973	20.0	41.0	41.22	AA	None	None									
Psychiatric Technicians								371	46	12.4	9	7	16	202	27	44	433	523	20.8	20.4	17.73	VOC	None	STOJT									
Family and General Practitioners (Top Job)								435	122	28.0	10	8	17	72	30	13	399	495	24.1	34.0	109.78	PHD	None	Int/Res									
Medical Records and Health Information Technicians								592	49	8.3	11	10	20	111	29	68	496	604	21.8	28.6	20.26	VOC	None	None									
Dental Hygienists (Top Job)								510	50	9.8	16	11	27	48	37	26	571	730	27.8	33.4	36.38	AA	None	None									
Licensed Practical and Licensed Vocational Nurses								600	113	18.8	14	17	30	111	32	53	644	782	21.4	43.7	26.14	VOC	None	None									
Physician Assistants (Top Job)								498	106	21.3	10	7	17	58	36	19	376	472	25.5	41.3	51.00	MA	None	None									
Radiologic Technologists (Top Job)								446	53	11.9	10	7	16	58	20	24	441	539	22.2	37.8	33.11	AA	None	None									
Physical Therapists (Top Job)								479	119	24.8	9	5	14	32	25	6	400	492	23.0	27.2	46.32	PHD	None	None									
Medical and Clinical Laboratory Technicians (Top Job)								376	64	17.0	8	7	15	93	33	34	355	437	23.1	30.2	23.57	AA	None	None									
Medical and Clinical Laboratory Technologists								263	36	13.7	6	5	12	43	25	14	284	346	21.8	42.1	32.25	BA	None	None									
Nurse Practitioners								279	41	14.7	5	4	9	47	28	6	211	261	23.7	49.0	55.61	MA	None	None									
Emergency Medical Technicians and Paramedics								417	60	14.4	8	9	17	149	29	30	468	552	17.9	18.2	22.32	VOC	None	None									

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Dentists, General	230	62	27.0	4	4	7	14	7	6	142	177	24.6	37.4	98.98	PHD	None	None																
Recreational Therapists	168	13	7.7	4	5	10	62	48	6	182	226	24.2	38.1	n/a	BA	None	None																
Pharmacy Technicians	634	53	8.4	10	9	19	90	23	51	554	653	17.9	18.2	19.22	HS	None	MTOJT																
Surgical Technologists	206	50	24.3	3	3	6	33	9	13	150	183	22.0	20.0	25.21	VOC	None	None																
Pharmacists	387	74	19.1	7	10	17	33	16	5	394	464	17.8	33.3	65.54	PHD	None	None																
Occupational Therapists	198	32	16.2	4	4	7	33	27	10	194	233	20.1	36.3	36.41	MA	None	None																
Respiratory Therapists	169	26	15.4	3	3	7	11	9	8	171	206	20.5	49.0	33.16	AA	None	None																
Internists, General	132	47	35.6	2	2	4	36	28	3	104	123	18.3	46.2	98.36	PHD	None	Int/Res																
Dietitians and Nutritionists	152	17	11.2	3	4	7	34	26	15	147	175	19.0	25.0	30.52	BA	None	Int/Res																
Opticians, Dispensing	174	23	13.2	5	3	8	40	16	18	172	223	29.7	32.5	21.60	HS	None	LTOJT																
Diagnostic Medical Sonographers	83	24	28.9	2	1	3	11	8	2	77	95	23.4	28.1	39.78	AA	None	None																
Speech-Language Pathologists	296	60	20.3	3	4	7	30	26	3	204	235	15.2	39.2	39.23	MA	None	None																
Chiropractors	65	9	13.8	2	1	3	14	11	3	67	86	28.4	19.6	n/a	PHD	None	None																
Pediatricians, General	71	22	31.0	1	1	2	9	1		41	51	24.4	61.1	90.87	PHD	None	Int/Res																
Psychiatrists	72	11	15.3	1	1	3	8	8	1	61	75	23.0	64.1	111.77	PHD	None	Int/Res																
Cardiovascular Technologists and Technicians	57	9	15.8	1	1	2	16	8	7	57	69	21.1	24.0	36.44	AA	None	None																
Nurse Midwives	56	9	16.1	1	1	2	15	13	3	46	59	28.3	47.1	48.73	MA	None	None																
Ophthalmic Medical Technicians	62	13	21.0	1	0	1	16	6	4	23	30	30.4	13.5	23.02	VOC	None	None																

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Nurse Anesthetists	61	7	11.5	n/a	n/a	n/a	3	3		n/a	n/a	n/a	33.9	70.75	MA	None	None																
Optometrists	46	6	13.0	1	1	2			1	32	41	28.1	40.5	85.88	PHD	None	None																
Nuclear Medicine Technologists	43	7	16.3	1	1	2	6	4	3	41	51	24.4	37.8	39.40	AA	None	None																
Anesthesiologists	39	11	28.2	1	1	1	1	1		28	35	25.0	26.7	9999.99	PHD	None	Int/Res																
Magnetic Resonance Imaging Technologists	44	13	29.5	1	0	1	3	0	2	26	32	23.1	38.2	36.21	AA	Under 5 yr	None																
Occupational Health and Safety Specialists (Oil and Gas)	419	109	26.0	3	8	11	59	22	30	283	315	11.3	42.3	40.01	BA	None	STOJT																
Occupational Health and Safety Technicians (Oil and Gas)	137	40	29.2	2	4	6	51	22	19	111	130	17.1	32.5	33.19	HS	None	MTOJT																
Dietetic Technicians	42	4	9.5	1	0	1	6	2	4	28	33	17.9	30.8	n/a	AA	None	None																
Obstetricians and Gynecologists	30	9	30.0	1	1	1	7	0		26	33	26.9	37.5	118.29	PHD	None	Int/Res																
Audiologists	34	5	14.7	n/a	n/a	n/a	1	1	1	n/a	n/a	n/a	34.5	n/a	PHD	None	None																
Radiation Therapists	47	26	55.3	1	0	1	1	1		25	30	20.0	28.0	n/a	AA	None	None																
Surgeons	24	4	16.7	n/a	n/a	n/a	2	2		n/a	n/a	n/a	70.0	9999.99	PHD	None	Int/Res																
Respiratory Therapy Technicians	27	5	18.5	n/a	n/a	n/a	3	1	2	n/a	n/a	n/a	60.9	n/a	AA	None	MTOJT																
Healthcare Support Occupations																																	
Medical Assistants	1,508	134	8.9	29	27	56	306	46	222	1,130	1,420	25.7	12.1	19.08	VOC	None	None																
Nursing Assistants	2,044	125	6.1	39	42	81	436	106	219	2,082	2,474	18.8	24.8	17.87	VOC	None	None																
Dental Assistants	1,203	131	10.9	29	22	51	226	78	139	1,081	1,373	27.0	16.3	20.94	VOC	None	None																
Home Health Aides	1,921	198	10.3	61	45	106	1,148	0	363	2,343	2,952	26.0	33.8	13.99	Any	None	STOJT																

Industry Report for Health Care¹

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Massage Therapists	459	62	13.5	7	5	12	104	60	37	310	384	23.9	19.0	40.52	VOC	None	None																
Orderlies	111	8	7.2	1	1	2	29	1	10	52	63	21.2	12.3	14.99	HS	None	STOJT																
Phlebotomists	59	7	11.9	2	1	3	36	4	9	71	88	23.9	25.9	18.53	VOC	None	None																
Physical Therapist Aides	69	8	11.6	1	1	2	26	3	2	63	77	22.2	20.7	18.59	HS	None	STOJT																
Medical Transcriptionists	147	18	12.2	3	2	4	43	12	14	118	144	22.0	36.8	17.43	VOC	None	None																
Medical Equipment Preparers	95	5	5.3	2	2	3	24	10	15	78	93	19.2	17.8	19.97	HS	None	MTOJT																
Pharmacy Aides	71	5	7.0	2	2	4	16	1	11	82	101	23.2	24.6	n/a	HS	None	STOJT																
Physical Therapist Assistants	61	11	18.0	1	1	2	11	5	3	56	70	25.0	28.8	29.58	AA	None	None																
Psychiatric Aides	121	2	1.7	3	6	9	35	6	18	200	232	16.0	33.6	20.13	HS	None	STOJT																
Occupational Therapy Assistants	14	2	14.3	n/a	n/a	n/a	7	2	1	n/a	n/a	n/a	30.8	n/a	AA	None	None																
Installation, Maintenance, and Repair Occupations																																	
Maintenance and Repair Workers, General	3,947	681	17.3	25	58	83	874	274	548	3,259	3,511	7.7	40.8	23.21	HS	None	LTOJT																
Aircraft Mechanics and Service Technicians (Top Job)	1,215	250	20.6	10	32	41	226	170	69	1,303	1,399	7.4	36.4	30.26	VOC	None	None																
Medical Equipment Repairers	78	11	14.1	1	1	2	1	1	6	49	57	16.3	35.3	33.31	AA	None	MTOJT																
Helpers--Installation, Maintenance, and Repair Workers	1,183	228	19.3	10	36	46	335	17	196	813	915	12.5	20.6	15.44	HS	None	MTOJT																
Maintenance Workers, Machinery	505	118	23.4	3	5	9	147	31	98	303	335	10.6	34.8	26.66	HS	None	MTOJT																
Life, Physical, and Social Science Occupations																																	
Medical Scientists, Except Epidemiologists	58	9	15.5	1	1	2	5	0		42	54	28.6	44.0	n/a	PHD	None	None																

Industry Report for Health Care¹

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Environmental Scientists and Specialists, Including Health (Oil and Gas, Top Job)	813	84	10.3	11	16	27	126	55	63	697	804	15.4	28.5	35.07	BA	None	None																
Clinical, Counseling, and School Psychologists	144	18	12.5	2	3	5	18	14	1	122	138	13.1	35.4	32.71	PHD	None	Int/Res																
Environmental Science and Protection Technicians, Including Health (Oil and Gas)	216	36	16.7	1	11	12	93	24	36	306	318	3.9	25.0	24.12	AA	None	None																
Management Occupations																																	
Medical and Health Services Managers (Top Job)	1,026	97	9.5	19	22	41	272	226	51	949	1,137	19.8	49.3	53.72	BA	None	None																
Administrative Services Managers (Top Job)	1,339	130	9.7	27	44	70	766	594	167	1,818	2,084	14.6	41.7	43.42	BA	Under 5 yrs	None																
General and Operations Managers (Oil and Gas, Top Job)	5,041	696	13.8	40	60	101	1,100	862	420	3,350	3,752	12.0	44.8	48.90	BA	Under 5 yrs	None																
Chief Executives (Top Job)	1,602	139	8.7	17	18	35	362	362	92	1,270	1,438	13.2	62.0	80.48	BA	5 plus yrs	None																
Financial Managers (Top Job)	1,237	67	5.4	12	20	32	279	205	93	1,128	1,252	11.0	42.7	53.67	BA	5 plus yrs	None																
Social and Community Service Managers	415	22	5.3	5	12	17	152	111	49	384	434	13.0	43.6	35.06	BA	5 plus yrs	None																
Training and Development Managers	140	11	7.9	3	4	6	65	47	13	158	184	16.5	45.5	47.76	BA	5 plus yrs	None																
Computer and Information Systems Managers (Top Job)	543	40	7.4	1	22	22	100	81	26	907	912	0.6	40.2	55.07	BA	5 plus yrs	None																
Human Resources Managers	370	26	7.0	2	10	12	91	63	31	431	452	4.9	43.8	52.44	BA	5 plus yrs	None																
Purchasing Managers	206	26	12.6	2	7	9	35	29	21	239	264	10.5	47.9	54.81	BA	5 plus yrs	None																
Construction Managers (Oil and Gas, Top Job)	1,478	358	24.2	14	25	39	299	216	141	1,044	1,183	13.3	49.0	59.88	BA	None	MTOJT																
Public Relations and Fundraising Managers	246	22	8.9	3	6	9	62	50	14	209	239	14.4	36.4	56.89	BA	5 plus yrs	None																
Marketing Managers	318	35	11.0	4	8	12	89	55	32	292	333	14.0	41.0	42.11	BA	5 plus yrs	None																
Education Administrators, Preschool and Childcare Center/Program	163	15	9.2	2	2	4	50	34	33	90	105	16.7	20.5	25.85	BA	Under 5 yrs	None																

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Food Service Managers								721	137	19.0	5	7	12	167	122	103	401	449	12.0	26.4	26.21	HS	Under 5 yr	None									
Office and Administrative Support Occupations																																	
Receptionists and Information Clerks								3,461	410	11.8	49	101	149	1,084	146	414	2,970	3,457	16.4	22.0	15.79	HS	None	STOJT									
Billing and Posting Clerks								1,374	97	7.1	22	27	49	328	46	155	1,181	1,397	18.3	29.5	20.21	HS	None	STOJT									
Medical Secretaries								708	48	6.8	12	10	22	171	57	83	510	631	23.7	26.5	18.02	HS	None	MTOJT									
Office Clerks, General								6,974	895	12.8	62	158	220	2,177	324	824	6,795	7,417	9.2	27.8	20.47	HS	None	STOJT									
Secretaries and Administrative Assistants, Except Legal, Medical, and Executive								3,384	230	6.8	28	60	88	885	130	378	3,074	3,356	9.2	33.5	17.45	HS	None	STOJT									
Executive Secretaries and Executive Administrative Assistants								3,770	243	6.4	40	69	109	1,132	717	395	3,566	3,969	11.3	37.3	26.10	HS	Under 5 yr	None									
First-Line Supervisors of Office and Administrative Support Workers (Top Job)								2,215	162	7.3	26	56	82	765	411	303	2,164	2,425	12.1	36.8	28.51	HS	Under 5 yr	None									
Bookkeeping, Accounting, and Auditing Clerks								4,922	392	8.0	46	86	132	1,250	330	604	4,446	4,904	10.3	34.3	21.19	HS	None	MTOJT									
File Clerks								523	30	5.7	9	9	17	247	19	70	590	677	14.7	21.0	15.42	HS	None	STOJT									
Bill and Account Collectors								495	44	8.9	7	10	16	168	24	56	505	570	12.9	26.2	20.57	HS	None	MTOJT									
Human Resources Assistants, Except Payroll and Timekeeping								523	34	6.5	4	14	18	171	23	55	512	555	8.4	26.8	21.65	HS	None	STOJT									
Customer Service Representatives								3,075	448	14.6	27	73	100	998	322	424	2,660	2,930	10.2	21.0	17.67	HS	None	STOJT									
Switchboard Operators, Including Answering Service								214	9	4.2	3	4	7	59	8	26	197	229	16.2	25.0	15.87	HS	None	STOJT									
Interviewers, Except Eligibility and Loan								168	15	8.9	4	4	8	83	13	25	192	231	20.3	39.4	18.72	HS	None	STOJT									
Data Entry Keyers								361	50	13.9	4	5	9	152	19	51	297	338	13.8	24.5	17.17	HS	None	MTOJT									
Hotel, Motel, and Resort Desk Clerks								1,387	489	35.3	14	40	54	518	0	247	1,046	1,186	13.4	16.5	12.90	HS	None	STOJT									

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Payroll and Timekeeping Clerks	544	50	9.2	5	10	15	146	23	55	520	571	9.8	35.9	22.62	HS	None	MTOJT																
Stock Clerks and Order Fillers	3,353	456	13.6	31	90	121	1,155	151	444	3,098	3,410	10.1	20.4	14.70	Any	None	STOJT																
Reservation and Transportation Ticket Agents and Travel Clerks	1,071	106	9.9	8	24	33	326	69	138	1,315	1,399	6.4	30.1	16.30	HS	None	STOJT																
Eligibility Interviewers, Government Programs	605	6	1.0	5	24	29	398	94	97	931	977	4.9	39.5	24.57	HS	None	MTOJT																
Couriers and Messengers	345	39	11.3	4	9	13	101	5	42	294	336	14.3	27.1	15.25	HS	None	STOJT																
Procurement Clerks	274	33	12.0	2	15	17	154	12	25	389	411	5.7	37.1	22.67	HS	None	MTOJT																
Shipping, Receiving, and Traffic Clerks (Oil and Gas)	941	113	12.0	12	23	35	349	62	133	937	1,056	12.7	25.3	18.30	HS	None	STOJT																
Insurance Claims and Policy Processing Clerks	216	14	6.5	2	6	8	58	10	21	193	216	11.9	19.0	23.67	HS	None	MTOJT																
Telephone Operators	70	9	12.9	1	4	4	59	17	25	134	142	6.0	12.3	n/a	HS	None	STOJT																
Production, Planning, and Expediting Clerks	460	100	21.7	3	10	13	125	59	56	395	426	7.8	30.6	25.98	HS	None	MTOJT																
Personal Care and Service Occupations																																	
Personal Care Aides	6,546	491	7.5	103	115	219	2,320	0	1,103	3,973	5,006	26.0	29.5	14.46	Any	None	STOJT																
Childcare Workers	2,459	389	15.8	30	97	127	786	0	216	2,008	2,308	14.9	15.3	12.06	HS	None	STOJT																
First-Line Supervisors of Personal Service Workers	192	34	17.7	4	7	11	91	25	38	303	340	12.2	24.8	19.27	HS	Under 5 yr	None																
Tour Guides and Escorts	1,326	778	58.7	14	56	70	387	65	189	962	1,101	14.4	24.3	14.98	HS	None	MTOJT																
Recreation Workers	1,014	309	30.5	6	13	19	382	36	76	847	903	6.6	17.9	n/a	BA	None	None																
Production Occupations																																	
Laundry and Dry-Cleaning Workers	615	110	17.9	0	10	10	133	0	98	426	418	-1.9	35.3	13.71	Any	None	STOJT																

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Stationary Engineers and Boiler Operators (Oil and Gas)								119	29	24.4	1	2	4	13	4	10	117	127	8.5	51.0	32.28	HS	None	LTOJT									
Dental Laboratory Technicians								43	5	11.6	1	1	3	9	2	5	44	58	31.8	25.0	26.05	HS	None	MTOJT									
Medical Appliance Technicians								21	3	14.3	1	1	2	7	2	3	31	38	22.6	38.9	n/a	HS	None	LTOJT									
Protective Service Occupations																																	
Security Guards								2,461	390	15.8	23	63	86	902	101	394	2,162	2,397	10.9	33.2	17.40	HS	None	STOJT									
Private Detectives and Investigators								81	13	16.0	n/a	n/a	n/a	41	31	5	n/a	n/a	n/a	24.6	n/a	HS	Under 5 yr	MTOJT									
Sales and Related Occupations																																	
Travel Agents								184	18	9.8	2	3	5	44	9	26	143	161	12.6	34.7	17.02	HS	None	MTOJT									
Telemarketers								73	7	9.6	1	1	2	21	2	16	63	73	15.9	27.1	13.98	Any	None	STOJT									
Retail Salespersons								14,577	2,786	19.1	103	390	493	5,222	989	1,552	10,596	11,626	9.7	20.8	13.10	Any	None	STOJT									
Transportation and Material Moving Occupations																																	
Commercial Pilots (Top Job)								813	339	41.7	11	28	39	416	339	130	837	944	12.8	44.0	n/a	HS	None	MTOJT									
Laborers and Freight, Stock, and Material Movers, Hand (Oil and Gas)								5,314	1,053	19.8	47	251	298	1,662	146	984	5,179	5,651	9.1	18.8	16.21	Any	None	STOJT									

NOTES

1. The industries included in this report are NAICS: 621 - Ambulatory Health Care Services, 622 - Hospitals, 623 - Nursing and Residential Care Facilities. (NAICS is short for the North American Industry Classification System, a set of industry categories standardized between the U.S., Canada and Mexico.)
2. Number of Workers/Residency Alaska wage records identify workers in private sector, state and local government covered by unemployment insurance within Alaska. Workers are assigned to the occupation in which they earned the most money in 2013, so a person will be counted only once, even if they worked in multiple occupations. The duration of a worker's employment is not a factor in the count of workers – a person is counted as a worker once they earn any wages covered under Alaska's unemployment insurance system. Alaska worker residency is determined by matching the Alaska Department of Revenue Permanent Fund Dividend (PFD) file with the Alaska Department of Labor and Workforce Development wage file. The PFD file is a list of Alaskans who either applied for or received a PFD. Workers included in the wage file are considered Alaska residents if they applied for a 2013 PFD or 2014 PFD. This data is methodologically different than the employment data. For more information on how the worker and the employment data differ, please contact the Research and Analysis Section of the Alaska Department of Labor and Workforce Development at 907.465.4518.
3. Estimated Demand/Employment Projections Ten year occupational employment projections are produced biennially, and provide the data for Estimated Demand and the Alaska Employment Projections. Estimated and projected employment data do not include self-employed workers in that occupation. Growth openings occur when new jobs are created in the economy. Replacement openings occur when workers leave an occupation. Replacement openings can occur for many reasons, including retirement, leaving the state, or changing careers. Total openings are the sum of growth and replacement openings, and may not total due to rounding. Some occupational projections will fall outside of statistical error measurement guidelines or will disclose confidential information about an employer, and are therefore suppressed. Because of suppressed data, overall totals cannot be calculated. This data is methodologically different than the Alaska worker data. For more information on how the worker and the employment data differ, please contact the Research and Analysis Section of the Alaska Department of Labor and Workforce Development at 907.465.4518.
4. In Another Occupation Workers were considered qualified for the listed occupation if they had four quarters of prior experience in the years 2011 through 2013 in that occupation. Workers may be considered qualified for more than one occupation.
5. In Lower Paid Occupation Each worker's primary occupation in 2013 was compared with all occupations in which they had four quarters of prior experience in the years 2011 through 2013. If the worker had four quarters of experience in an occupation, but was employed in 2013 in an occupation with a national mean wage that was more than 15% less, then they are counted as potential supply since they are currently "underemployed".
6. UI Claimants Unemployment insurance claimants with an active claim in 2013. Claimants were matched with 2010 through 2013 UI wage records to determine their primary prior occupation.
7. Age Worker age is determined by matching 2013 workers with historical PFD files. Only those workers with age data are used to determine the percent of workers older than age 50. Occupations with a significant number of nonresident workers will have less reliable age information since age data is not available for nonresident workers.
8. Average Hourly Wage Average Hourly Wage data comes from the Research and Analysis Section of the Alaska Department of Labor and Workforce Development, through the Occupational Employment Statistics Survey, a cooperative agreement with the U.S. Bureau of Labor Statistics, and represent statewide average wages for the occupation.

NOTES

9. Education Levels Entry level education requirements are based on the U. S. Department of Labor's Bureau of Labor Statistics data. The education groups are as follows:

- Any – Less than high school.
- HS – High school diploma or equivalent.
- COLL – Some college, no degree.
- VOC – Postsecondary non-degree award.
- AA – Associate's degree.
- BA – Bachelor's degree..
- MA – Master's degree.
- PHD – Doctoral or professional degree.

10. Work Experience Work experience in a related occupation is based on the U. S. Department of Labor's Bureau of Labor Statistics data. The work experience groups are as follows:

- None – No work experience required.
- under 5 yr – Less than five years.
- 5 plus yr – Five or more years.

11. On-the-Job Training Typical on-the-job training needed to attain competency in the occupation is based on the U. S. Department of Labor's Bureau of Labor Statistics data. The groups are as follows:

- None – No on-the-job training is required.
- STOJT – One month or less of informal on-the-job experience.
- MTOJT – One to twelve months of informal on-the-job experience.
- LTOJT – Training that lasts more than twelve months and either occurs on the job or combines work experience with formal classroom instruction.
- App – An apprenticeship is required. An apprenticeship combines paid on-the-job training and occupation-specific instruction. Most programs last between three and five years.
- Int/Res – Internship/residency is required. Internships and residences provide supervised training in a professional setting. They may be paid or unpaid, and usually occur after completion of a degree program or required coursework.

Other Reports:

Top Jobs – These are the occupations, based on Alaska's 2012-2022 occupational forecast, that either:

- Will grow faster than average, grow by at least 75 jobs over the ten-year period, and have higher than average wages; or
- Are among the top 50 occupations with the most projected openings, and have higher than average wages.